

## Scale-to-Scale Data Transfer

You can transfer scale data from one scale to another; in essence, you can clone a scale. **This is NOT a network function nor can it become one. Scale to scale data transfer uses serial (RS-232) communication to transfer data, which can only be wired from one scale to another**

You need to purchase the Scale-to-Scale cable in order to connect 2 LS-100s together. There is also a PC-to-Scale cable that is included with the LS-100 Software Package. You can also make either cable yourself by using the following diagrams:

<u>LS-100 Scale-to-Scale Cable</u>				
LS-100 DB-9 Pin Male		LS-100 DB-9 Pin Male		
TX	3	2	RX	
RX	2	3	TX	
SG	5	5	SG	

<u>LS-100 PC-to-Scale Cable</u>				
LS-100 DB-9 Pin Male		IBM PC DB-9 Pin Female		
TX	3	2	RX	
RX	2	3	TX	
SG	5	5	SG	
		4	DTR	
		6	DSR	
		7	RTS	
		8	CTS	

### To transfer data from Scale-to-Scale:

1. Place both scales together.
2. Make sure that the Power Switch is off on both scales.
3. Connect the Scale-to-Scale cable. It does not matter which side you plug where.
4. Turn both scales on and wait for them to go to the *Initial State*.
5. **On the scale with the data ("Source" scale):**
  - a. Press **SET**.
  - b. Enter the password (**0000 for a new scale**) and press **PRINT**.
  - c. The Main Menu display appears as follows:

**1. PLU: Create & Edit**

- d. Press  .
6. The Source scale will beep when done.

*This procedure can take anywhere from 2 to 10 minutes depending on the amount of PLUs programmed into the scale.*